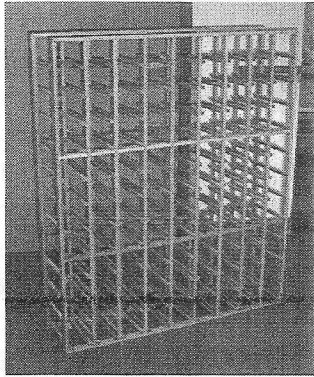


THE WOODWORKERS CLUB OF HOUSTON

VOLUME 18, NUMBER 5

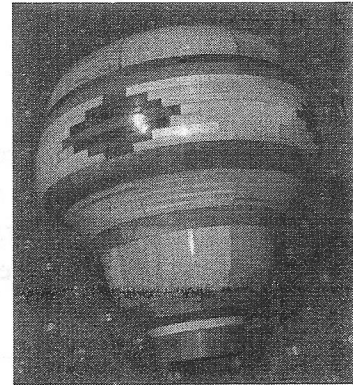
MAY 2002

WWW.WWCH.ORG



Left: A large wine rack constructed by Bart Propst

Right: Another great turned vessel constructed by master-turner Lewis Vallette.

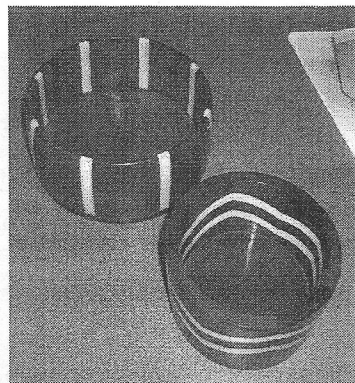


Upcoming Programs

Long time member Saul Harris will be our presenter this month. Saul will be demonstrating the Jointech system. This should be a program of great interest to many people.

Do you remember Lon Kelley's bandsawn inlay boxes that he displayed in March? Well, Mr. Kelley has agreed to do a program in June demonstrating exactly how he made those fabulous boxes. A program not to be missed!!

Right: Using Titebond glue, Ken Wallis was able to glue these wood/corrian bowls together. Ken said that Franklin told him that you couldn't use Titebond with corian. I guess Ken proved them wrong.



New members:

The following people joined our club at the Woodworking show. Please extend a warm welcome to:

Ben Ball

Bill Conrad

Michael Clayton

Louis De Hoyes

Keith Drysdale

Albert Garza

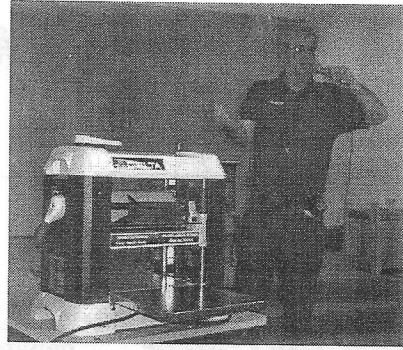
Bob Gebhard

Carl Gilson

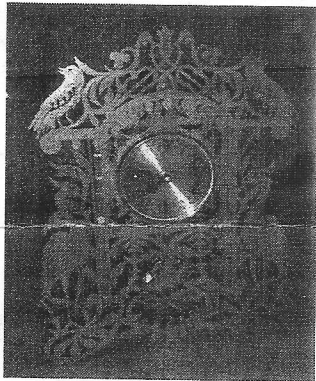
(more new members on page 8)

MARCH PROGRAM ---

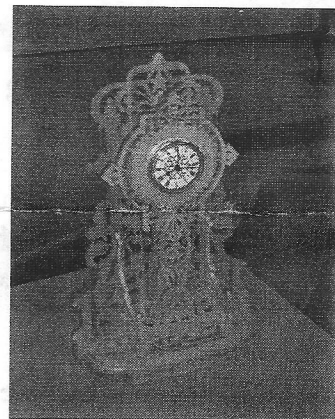
DELTA TOOLS, INC.



Mr. Richard Zagrzecki, a representative of Delta Tools, showed off Delta's new planer, as well as took suggestions from the audience on what they would like to see Delta produce in the future. This was a chance for many of the members to express their wishes for the direction that Delta pursues. Many options were offered, and Mr. Zagrzecki said that several were very good ideas.



Left & Right: Two more spectacular scrolled clocks by Paul Koury. Excellent job Paul!



FREE PUBLICATIONS FROM UNCLE SAM!

SUBMITTED BY TODD BURCH

For those of you interested in dabbling in cutting and drying your own lumber, the U.S. Government is at your disposal. If you point your browser to <http://www.werc-hdw.com/publications.htm>, you will find some publications on the subject of your desires. Three of the interesting ones are:

- 1) Air Drying Lumber / General Technical Report / FPL-GTR-117
- 2) Drying Hardwood Lumber / General Technical Report / FPL-GTR-118
- 3) Hardwoods of North America / General Technical Report / FPL-GTR-83

The Wood Education and Resource Center (WERC) will ship you these publications for free, or you can download the Acrobat PDFs. If you don't have internet access, you can contact them at:

The Wood Education and Resource Center
301 Hardwood Lane
Princeton, WV 24740-7513
Telephone: (304)487-1510
FAX: (304)487-6661

PREZ SEZ:

BY KEN KOOSER

It is a joy to be the President of the greatest woodworkers club in Texas. It's also a lot of work, and sometimes requires a smarter guy (or gal) than me. I know that we learn from our mistakes and I will make plenty, but the Monday morning quarterbacks are sure having a field day. The urban myth that we are an incorporated non profit organization is just that. . . a myth. A proposal had been made in the past to become a 503 (c) corporation, but was rejected due to continual reporting being necessary. There is some reporting required, and even if it is minimal (as suggested) it will be a requirement for future Club Officers. Let your board know what you think about incorporating. I let it be known from the beginning that I was a one term president. I'll be around in 2003, the second year of doing the directory will be a piece of cake. Also want to do the woodworkers show again, I had a ball out there. The club is your club. 160+ members, its your money. The three officers and four board members want and need your input. Help us out. Last month I listed all of the past advertisers that I know of as Club Patrons. Of course the first question asked was: Where was Steve LeGrew and "The Cutting Edge"? Steve is the clubs Endowment Benefactor – He has always supported the club, with items for the raffle, and the picnic. He has even given the club programs that he sells others at his store. The Cutting Edge, Brandle's Sawmill and Texas Tool Traders all have arrangements for advertising and their ads were printed. As we contact the others we will be including them as advertisers and not as a separate list. Let these stores know that you are a club member when you trade with them.



Left: Joe Runcer shows off his planter box. Joe brought in a show and tell project at his first meeting. Way to go!!

Right: An intricate 3-D christmas ornament, scrollsawn by Vic Vucinovich.

**BRANDLE'S
SAWMILL**

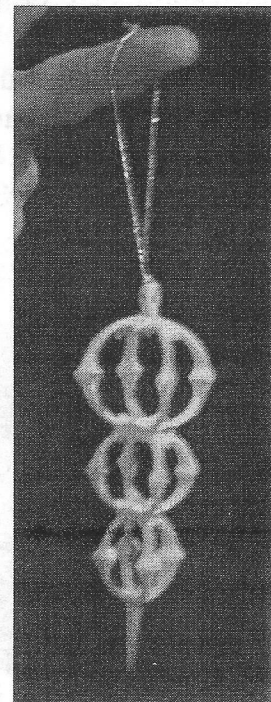
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SKINNING THE CAT: TRICKS FOR MAKING PERFECT CLASSICAL BRACKET FEET

BY JACK HUTCHISON

We've all heard the expression, "Necessity is the mother of invention." If that is true, then laziness has certainly got to be the father. I know how to use hand tools, but I definitely prefer power tools, when they can get the job done correctly, and save some time. Eighteenth century craftsmen were strictly hand tool users, but they sure had the technique down pat and their designs are magnificent. Maybe I'm basically lazy, but I want those results nevertheless, right along with that classic craftsman look.

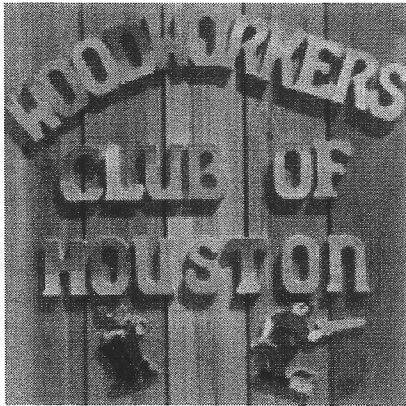
I really love the look of 18th century furniture with its graceful lines, and classic construction using mortise and tenon joints, dovetails, crown and cove moldings, and graceful cyma curve bracket feet. This stuff just radiates grace, and the love of the craft.

I've had the urge to build a drop leaf desk for a while now and I've been accumulating journal articles and photos of various designs in order to determine the absolutely correct piece to build. My daughter pointed out a very nice Governor Winthrop Drop Leaf Desk in one of the houses in Old Salem, NC while we were touring the village. Old Salem is one of those carefully maintained colonial towns of the Williamsburg genre. Very nice and worth visiting. Anyway, I asked her if she would like one similar to that magnificent piece. She just smiled, and I knew I had a project lined up for using up some of my precious walnut stash.

Several woodworking journal authors describe their methods of making Chippendale style bracket feet. Some of the methods are good, some so good. There is always room for improvement, so, I've taken the best approaches described and embellished them even further to achieve great results with minimal effort, *aka* "skinning the cat."

First, you need to draw up the bracket foot profile full scale, then cut out and glue the paper profile to a piece of 1/4" hardboard or plywood to use as a template. Band saw to the line and sands the template smooth. Don't take any shortcuts here. Save the template cutout, as you will need it for shaping the stock later. Sand the cutout smooth as well.

Most bracket feet are 4 1/2" to 5 1/2" high and have moldings attached to the top of the finished foot. Typically, the cyma curve is concave by 3/8" with a 1/4" offset at the base which is sometimes carved. To mill the concave portion on your 8/4 stock, raise the saw blade on your table saw to 3/8 inches, then find the angle that allows the saw blade to just clear half the width of your foot height. For a 4 1/2" high foot set the width of the cove to be 2 1/4". I use a parallelogram to determine the angle of the fence at this point, but you can also use a paper template. After determining the angle for cutting the cove, clamp a fence to the table top in front of the blade on that angle previously determined, with a 1/4" offset. Lower the blade below the table and set your straight, flat stock adjacent to the fence, then clamp another fence on the backside for safety purposes. Remove the stock, turn on the saw and raise the blade 1/6" and slowly pass the stock over the blade on a bias, using push blocks for safety. Repeat the cove cutting process by increasing the blade height in approximately 1/16" increments until the full 3/8" height is attained. The concave cove cut of the cyma curve is now complete.

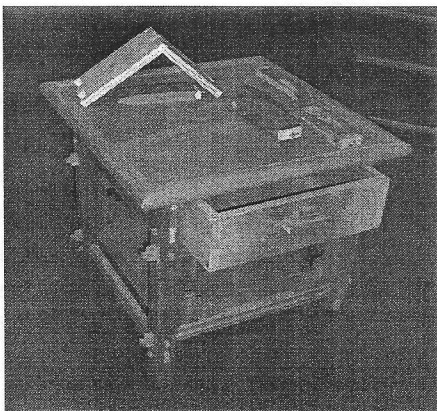


HELP!!!!

Our beautiful club sign, handcrafted by Mr. Vic Vucinovich, has disappeared. If any of you have seen it, please let Vic or one of the WWCH board members know as soon as possible. Thanks

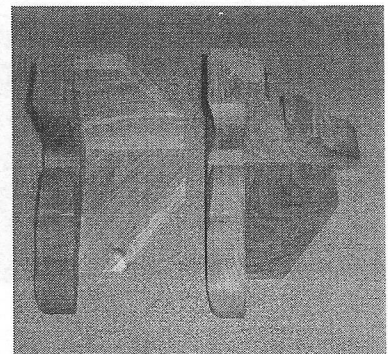
MARK YOUR CALENDARS! PICNIC TO SAWMILL SET FOR JUNE 15

Art Chester and your Prez took a drive out to Brandle's Saw Mill last month. Tom and Kathy Brandle are two of the club's most supportive business people. They hosted a visit to their mill early in 2000. About 35 members braved a cold wet day to see a mill in operation. They were excellent hosts, providing coffee and donuts, etc. and donated the club a log that was raffled off and cut to the winners specifications. They also contributed a \$50.00 gift certificate for the barbeque that no one has presented yet. (Any ideas who or where it is?) They have invited us back for a picnic and program in June. June 15 is the date set by the board. Tom will have his forester Mr. Kip Koons and together will answer questions in a panel format. This is a great opportunity to find out why wood does what it does and how to minimize its undesirable traits in our woodworking efforts. Tom will donate another log to be raffled. The club will furnish, ice and cold drinks. The sawmill location is very near a lake Conroe beach/park, so those with children and grandchildren are encouraged to make it an outing. We will start showing up at the sawmill at 9:00 a.m. and eat about noon. The panel discussion will take place at 10:15. You will need to bring folding chairs, blankets, etc. for seating. We will want to leave the sawmill by 1:00 P.M. There is fishing available at the park, and my shop is only 10 minutes from the saw mill and it will be open with cold drinks for the afternoon.



Left: The finished version of Chuck Maxwell's southwest-style end table.

Right: Examples of Jack Hutchison's classical bracket feet



PROJECT OF THE MONTH



Workbench Tool Crib

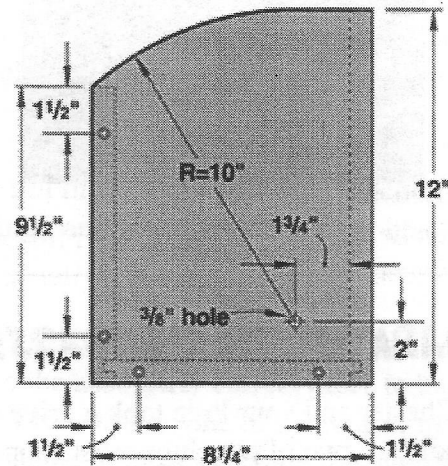
To store his tools close at hand, Donovan Nagel designed and built this hanging tool crib that neatly secures in place beneath the benchtop. He stores power tools in it, but you can use it to best suit your needs.

Simply build the crib as shown to fit between the legs of your workbench. Fasten it in place with two $\frac{3}{8}$ " carriage bolts. To put your crib into action, simply pull on the handle cutout and swing it out. A pair of stops screwed to the bottom of your workbench prevent the crib from falling too far forward.

As an added feature, cut a hole in the back piece and install a multiple outlet in the tool crib.

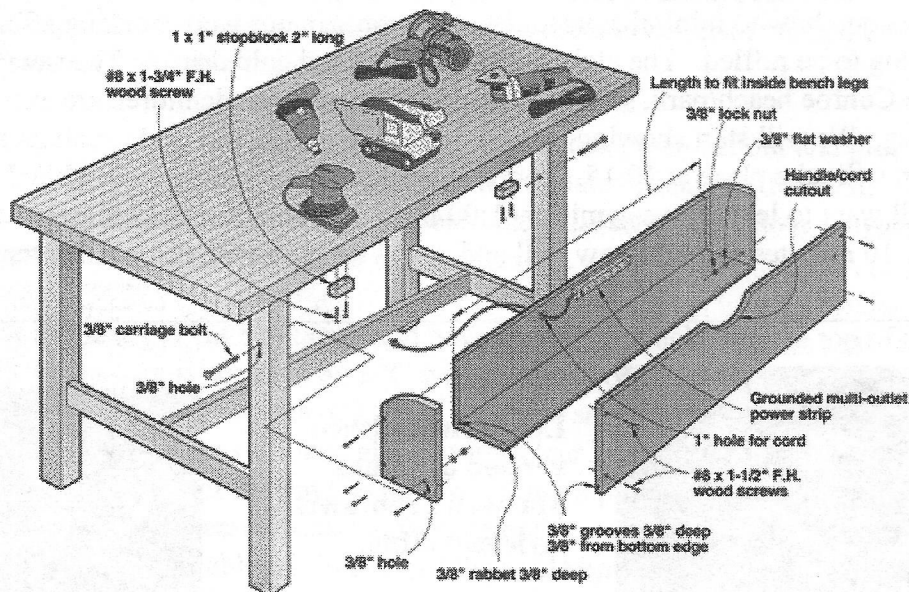
—Donovan Nagel

END DETAIL



EXPLODED VIEW

Note: All stock is $\frac{3}{4}$ " plywood except stopblocks.



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BIOGRAPHY OF A MEMBER

This month's Biography of a Member column features current board member Jack Hutchison . Enjoy reading about the life of a fellow WWCH member!!

Jack has been a woodworker almost all of his life. He got started at a very young age by pounding nails into a 2 x 4 down in his family's basement.

More serious work began during high school industrial arts class where he won several awards for his original designs and construction of wood and metal items.

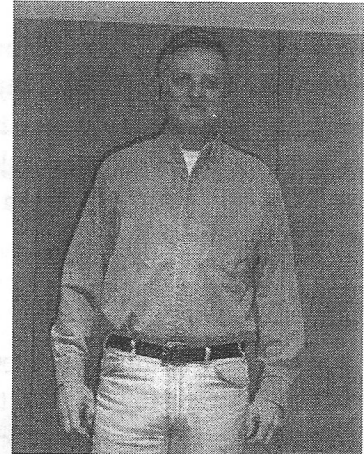
Woodworking activity languished during his long tenure at college where he earned an advanced degree in Chemical Engineering. He picked up woodworking as rat race therapy, and started to build a modest Craftsman empire and various cabinetry items. Over the years that equipment has been upgraded to more professional tools, and his home is filled with various items that he built.

Jack designs most of his work, and has harvested most of his lumber from locally grown trees. He now has an enviable inventory of great looking hardwood lumber, and a nicely equipped shop that includes a table saw, radial-arm saw, miter saw, band saw, horizontal and vertical router tables, panel sander, jointer, a 15" planer, and a variety of home-made jigs. Recently he designed and built a vacuum veneer press that is being put to good use. His wife and three daughters are the beneficiaries of his cabinet-making skills. On occasion he will take a commission for a nice cabinet.

Never one to shy away from difficult tasks, Jack's notable accomplishments include a magnificent Philadelphia High Boy in walnut, and a matching server and breakfront in Chippendale design.

Work in progress includes a walnut veneered and inlaid entrance hall table, and a spectacular Hepplewhite bow frame chest in highly figured walnut and tiger maple. The latter is a very challenging project as many of the cuts are compound angles requiring precision results using custom jigs.

Jack prides himself on his hand-rubbed finishing techniques. His chemistry background helps with custom blends of coatings, dyes and stains. But attention to detail is what generates the results.



Above: A beautiful classical-style low boy constructed by Fred Sandoval.

BOARD SETS ADVERTISING RATES

The Woodworkers Club of Houston Board of Directors has set uniform rates for advertising in our newsletter. The rates agreed upon are: \$100.00-for a full page spread. \$50.00-for a half page; \$25.00 for a quarter page and \$12.50 for an 1/8 page ad. Due to the relative high cost of postage and copies the board would like the newsletter to be self supporting. This is a great opportunity for woodworking related companies to reach nearly 200 buying customers. Invoices will be sent to current advertisers asking for their support.

(continued from page 4)

To shape the remaining convex portion of the cyma curve on the bracket foot, use a 3/4" round over bit to hog off the stock on the top convex portion of the curve. Then use a block plane to round over and smooth the stock to conform to your template cutout you saved earlier. When the planed profile fits the curve you are done with the hand planeing operation. Sand all surfaces smooth with a random orbit sander, and a piece of sandpaper wrapped around a large diameter piece of dowel (broom handle size.)

Trace your bracket foot template pattern on the backside of the milled stock. Be sure to orient the template to produce mirror images. You will need four pieces for the front feet and two for the back. Crosscut the stock to finished length for each piece of the bracket foot, then set your table saw at 45 degrees, clamp the short lengths to your miter gage and saw the 45 degree miter angles *on the mating front bracket feet only*. Match the grain. Back bracket feet are flat on the rear side to allow the piece of furniture to set flush against a wall.

Next, set your rip fence so that the mitered edge of each front piece butts against the fence. Clamp the front brackets onto the miter gauge and saw a 1/8" kerf approximately 3/8" deep for a spline joint to be inserted later.

Band saw the profile drawn on the back side of the stock to the line, then use an oscillating spindle sander to smooth the bottom concave curves, and a 1" belt sander to smooth the convex curves.

Apply glue to the mitered faces, insert a spline milled to perfectly fit the spline mortise, and press the mitered front brackets together. For the back brackets, cut a gusset to attach to the back brackets in a vertical position and glue up using a #20 biscuit, and clamp in place. If you don't have a biscuit cutter, then mill a slot in the mating pieces on your table saw for a spline joint. After the glue sets, you can proceed with final sanding for perfect bracket feet, made easy.

After all, laziness is the father of invention.

(continued from page 1)

Brent Jernigan	Stephen Persky	B.A. Sharp	All of the new members information (i.e. addressess, phone numbers, etc.) will appear in the upcoming membership directory.
Bill Jumper	Stephen Reynolds	Tim Walker	
Sid Newton	Joe Runcer	Doug Wilson	

AT YOUR SERVICE

President:

Ken Kooser - [REDACTED]

Vice-President:

Art Chester - [REDACTED]

Secretary/Treasurer:

Joan Loggins - [REDACTED]

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Brian Honey - [REDACTED]

Director:

Jack Hutchison - [REDACTED]

Director:

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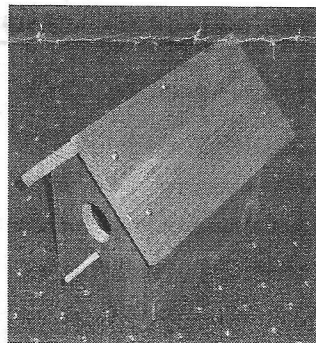
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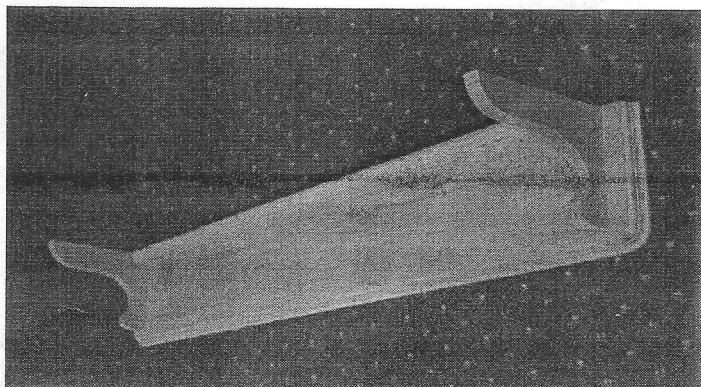
Left: Rich Thomas tells members how he made the boxes that he brought to show at the March meeting.

Right: John Gay shows off his hand-made guitar. John said that he wanted to make another guitar as well. Look out, Fred Sandoval!!!

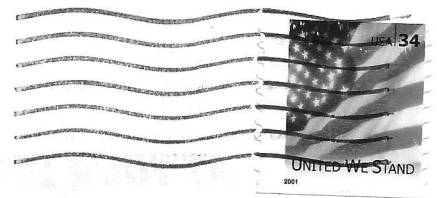


Left: A birdhouse made by president Ken Kooser and his out-of-town guest, Bud Senne.

Below: A window display shelf made by Webmaster Gary Rowen. I wonder is the shelf really is supposed to display windows???



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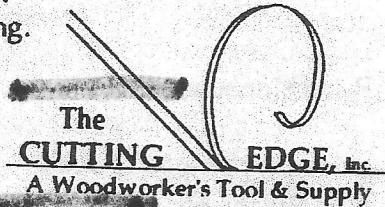


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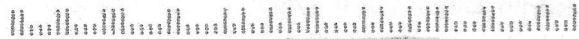


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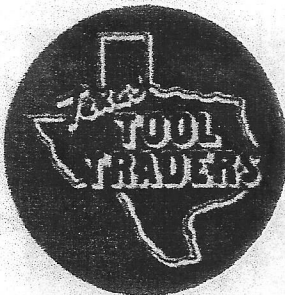
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CALENDAR OF EVENTS FOR MAY:

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